

INTERNATIONAL CONGRESS ON
THE VALORIZATION AND CONSERVATION OF ARID ECOSYSTEMS
NOVEMBER 25-27, 2025
GHARDAIA, ALGERIA



Congress Detailed Program





Detailed Program

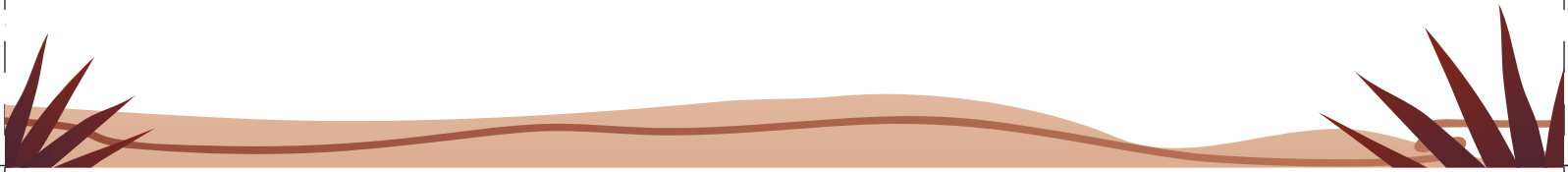
Topics: 1. Microbial ecosystems, 2. Faunistic biodiversity, 3. Floristic biodiversity, 4. Agrosystem functioning.

First Day: 25 November 2025		
Conference rooms located at SNV ST	08:00- 09:00	Registration and Reception of Participants
	09:00 - 09:30	Official Opening Ceremony
	Chair : Dr. Noureddine Bouras Co-chairs: Dr. Mohamed Kraïmat and Dr. Youssef Djellid	
	09:30h - 10:00	Conference 1 by Dr. Sergio Rasmann Phytochemical diversity across space and time
	10:00- 10:30	Discussion
	10:30- 11:00	Coffee Break
	11:00- 11:30	Conference 2 by Dr. Attia Mohammed Abd Alla Issa Invasive Bird Species in North Africa
	11:30 - 12h:00	Conference 3 by Dr. Abdelmadjid Chahma
	12:00 - 12h:30	Discussion
	12:30 - 13h:30	Lunch
	C1. Topic 1. Microbial ecosystems C2. Topic 3. Floristic Biodiversity	
	Session 01	Chair : Dr. Said Belghit Co-chair : Dr. Noria Saadoun
	13h:30 - 13:45	Oral Communication by Dr. Mohamed Amine Gacem
	13h:45 - 14:00	Oral Communication by Dr. Amar Riba
	14h:00 - 14:15	Oral Communication by Dr. Alla Eddine Mahamedi
	14h:15 - 14:45	Discussion
	14h:45 - 15:30	Poster Session 1 + Coffee Break
	C1. Topic 2. Faunistic Biodiversity C2. Topic 4. Agrosystem functioning	
	Session 02	Chair: Dr. Salah Eddine Sadine Co-chair : Dr. Abdelaziz Bouzegag
	15h:30- 15:45	Oral Communication by Dr. Ettayib Bensaci
	15h:45 -16:00	Oral Communication by Dr. Atika Benrima
	16h:00 -16:15	Oral Communication by Dr. Mounira Belkharchouche
	16h:15 -16:45	Discussion
		Oral Communication by Dr. Latifa Dhaouadi
		Oral Communication by Dr. Abdellkader Hassani
		Oral Communication by Dr. Rachid Houichiti

Conference rooms at SNV ST	Second Day: 26 November 2025				
	Chair : Dr. Miloud Berriha	Co-Chairs : Dr. Abderaouf Benslama and Dr. Choayb Bounab			
	08:30 - 09:00	Conference 1 by Dr. Slim Smaoui Unlocking the potential of desert date palm pits: A natural resource for meat preservation and sustainable packaging			
	09:00 - 09:30	Conference 3 by Dr. Pedreno Jose Navarro Integrating Urban and Agricultural Soils for Climate Resilience			
	09:30 - 10:00	Conference 2 by Dr. Sherif S. Ebada Exploring Tropical and Temperate Fungi for Potential Biocontrol Agents			
	10:00 - 10:30	Discussion			
	10:30 - 11:15	Poster Session 2 + Coffee Break			
	Session 01	C1. Topic 1. Microbial ecosystems	C2. Topic 2. Floristic Biodiversity		
		Chair : Dr. Alla Eddine Mahamedi Co-chair : Dr. Faiza Baali	Chair : Dr. Ouarda Belabbassi Co-chair : Dr. Rekia Cherif		
		11:15 - 11:30	Oral Communication 1 by Dr. Djellid Youssef	Oral Communication 1 by Dr. Amel Herouini	
		11:30 - 11:45	Oral Communication 2 by Dr. Noria Saadoun	Oral Communication 2 by Dr. Mérida Marfoua	
		11:45 - 12:00	Oral Communication 3 by Dr. Zahra Baba Ameur	Oral Communication 3 by Dr. Farida Boulaghmen	
	12:00 –12:10	Oral Communication 3 by Dr. Fouzia Metidji	/		
	12:10 - 12:30	Discussion			
	Session 02	C1. Topic 2. Faunistic Biodiversity	C2. Topic 4. Agrosystem functioning		
		Chair : Dr. Ettayib Bensaci Co-chair : Dr. Salim Meddour	Chair : Dr. Atika Benrima Co-chair : Dr. Latifa Dhaouadi		
		12:30 - 12:45	Oral Communication 1 by Dr. Salah Eddine Sadine	Oral Communication 1 by Dr. Abdelhak Maghchiche	
		12:45 - 13:00	Oral Communication 2 by Dr. Naouel Benharzallah	Oral Communication 2 by Dr. Hamida Mallem	
		13:00 - 13:15	Oral Communication 3 by Dr. Saïda Chehma	Oral Communication 3 by Dr. Somia Torki	
	13:15 - 13:30	Discussion			
13:30 - 14:30	Lunch				
Session 03	C1. Topic 1. Floristic Biodiversity	C2. Topic 4. Agrosystem functioning			
	Chair : Dr. Houria Ouici Co-chair : Dr. Nafissa Belkessam	Chair : Dr. Bachir Khene Co-chair : Dr. Ouarfli Lazoumi			
	14:30 - 14:45	Oral Communication 1 by Dr. Nabila Belyagoubi-Benhammou	Oral Communication 1 by Mohammed Abdelmadjid Boumeddiene		
	14:45 - 15:00	Oral Communication 2 by Dr. Djillali Mahdjoubi	Oral Communication 2 by /		
	15:00 - 15:30	Discussion			



15:30 - 16:15	Poster Session 3 + Coffee Break
16:15 - 16:45	Closing and Recommendations
16:45 - 17:30	Symbolic Tree - Planting Campaign
Third Day: 27 November 2025	
08:00 - 18:00	Tourist Visit





Poster sessions Hall of exposition				
First Day: 25 November 2025				
Poster Session 1				
Topic 1. Microbial ecosystems				
Chairs: Dr. Soumia Haddad and Dr. Aissa Bakelli				
Conference rooms at SNV ST	Time	Code	Speaker	Title of presentation
	14:45 - 15:30	ME.P1	Safia KHIRANI	Desert plants associated with arbuscular mycorrhizal fungi: Strategy to Adapt to Extreme conditions.
		ME.P2	Mohammed Samer Djahid BENAMOR	Exploring the Poultry Microbial Ecosystem: A Case Study of Biofilm-Forming Bacteria.
		ME.P3	Nacéra TADJINE	Valuation and Conservation of <i>Zizyphus lotus</i> L.: A Sustainable Resource from Arid Zones.
		ME.P4	Said BELGHIT	Extraction of anti- <i>Candida albicans</i> active compounds from an <i>Actinomyces</i> strain SA18 and study of their stability.
		ME.P5	Sabah MEDIANI	Isolation and biochemical identification of halophilic and extremely halophilic strains from Algerian hypersaline system.
		ME.P6	Azzedine ABDI	Isolation and identification of fungi contaminating maize imported into Algeria for animal feed.
		ME.P7	Fatima Wiam LEBBOUKH	Unlocking the microbial potential: thermophilic bacteria from arid ecosystems as a novel source of exopolysaccharides.
		ME.P8	Nala RAI	Evaluation Of The Biological Activity Of The Dichloromethane Extract Obtained From The Red Algae <i>A. armata</i> From The Algerian Coast
		ME.P9	Abderrahmane BENADJILA	Antifungal Activity Of Symbiotic Actinobacteria Isolated From Desert Truffles Against Soil-Borne Phytopathogenic Fungi.
		ME.P10	Meriem BAZZINE	Quantitative and qualitative study of microscopic fungi living in the soils of the University of Ghardaia experimental site (Algerian central Sahara).
		ME.P11	Sara KHELIFA	Biological Potential of Traditional Date Vinegar: A Spontaneous Fermentation Product from Date Waste in Ouargla Oasis (Algerian Sahara).
		ME.P12	Khedidja SOUFARI	Pathological impact of opportunistic fungi on the decline of <i>Juniperus phoenicea</i> L. at the El Gaâda station (LAGHOUAT)
		ME.P13	Rayene AMINI	From Arid Soils to Biotechnology: <i>In Silico</i> Characterization of L-Ectoine Synthase from <i>Kibdelosporangium aridum</i> .
		ME.P14	Djamila AMEUR	Potato biotization: Phytoprotection and growth promotion.
		ME.P15	Lynda SMAIL	Effects of Commercial and <i>Paenibacillus tarimensis</i> Exopolysaccharides on the structural stability of a saline silty clay loam soil



Topic 2. Faunistic Biodiversity				
hairs: Dr. Aicha Hamid Oudjana, Dr. Malika Seddiki and Dr. Wafa Bensania				
Conference rooms at SNV ST	14:45 - 15:30	FN.P1	Hanane DJELAILIA	Assessing the Constraints of Thermal Stress on Milk Production Efficiency in Dairy Cattle Raised in Arid Regions
		FN.P2	Ahmed GHANIA	Synthesis and characterization of nanoparticles derived from Scorpion Exoskeletons for Tattoo Removal
		FN.P3	Mira CHIKHAOUI	Hematologic Reference Intervals in Barb Horses from Algeria: Effect of Age and Sex
		FN.P4	Tahar MEFTAH	NEW DATA of Diet and Global Distribution of Chiropterological Species in Algeria: Case Study of the Maghrebian mouse eared-bat <i>Myotis punicus</i> , Highland region, Bouira
		FN.P5	Sba BENT EL HEDDI	Inventory of Beetles associated with Aleppo pine in two forest biotopes natural and reforested (semi-arid region -Djelfa).
		FN.P6	Nadia MENACER	The Desert Environment and Scorpion Biodiversity in the Oued Righ Region and the Impact of Environmental Changes on It
		FN.P7	Nasrine SAAD	Landscape Structure Effects on Dove Distribution and Abundance along an Urban–Rural Gradient in Southeastern Algeria
		FN.P8	Khaled KOULALI	Non-biting midges "Chironomidae" Diversity in the Tassili n'Ajjer Region (Algeria)
		FN.P9	Zahira HARICHE	Study of some hematological parameters in dromedaries
		FN.P10	Dounya MAHMOUD	Veterinary Use of Euphorbia Honey for Wound Healing in Animals
		FN.P11	Hayat LAOUFI	Fluctuating asymmetry and environmental stress on a specie of lizard <i>Scincus scincus</i> in the arid region of El Oued
		FN.P12	Aissa BENHAMIDA	Diversity of Adaptation Strategies of Sheep Farming Systems Between the North and the South of the Djelfa Region.
		FN.P13	Hamza SAADI	Faunistic and epidemiological characterization of scorpion envenomation in the Algerian Sahara: Case of the province of El Oued
		FN.P14	Safia MEKKAOUI	Therapeutic applications of dromedary hump fat in the Ouargla region
		FN.P15	Fouzia MOUHOUB	Influence of Zootechnical and Geographical Factors on the Weight of Sahrawi and Targui Dromedaries in the Northern Algerian Sahara
Topic 3. Floristic Biodiversity				
Chairs: Dr. Radhia Biad and Dr. M'hammed Amine Khene				
		FR.P1	Zohra HOUYOU	Investigation of allelopathic activity in <i>Atriplex canescens</i> metabolites against the growth of a cereal weed <i>Hordeum murinum</i> associated with <i>Triticum durum</i> .
		FR.P2	Karim BOUTERFAS	Autoecology of white Horehound (<i>Marrubium vulgare</i> L.) and characterization pf plant biodiversity in Jebel Tessala (nord-werstem Algeria).

Conference rooms at SNV ST	14:45 - 15:30	FR.P3	Nahla DJERIBIA	Tocopherol Isomer Profiles and Antiradical Activity of the Unsaponifiable Fractions from Invigor and Zitna Rapeseed (<i>Brassica Napus</i> L) Varieties Cultivated in Algeria.		
		FR.P4	Amina AMAMRA	Impact of Plant Diversity Loss on Ecosystem Functioning (North-Eastern Algeria)		
		FR.P5	Djamila MADANI	Study of Floristic Biodiversity of Ethnoveterinary Interest in the Mergueb Nature Reserve (M'sila, Algeria)		
		FR.P6	Khaldia BOUAZZA	Physicochemical characteristics of soils under healthy and dying <i>Phoenix dactylifera</i> stands in the Bresin palm grove in the Wilaya of El Bayadh (south-west Algeria).		
		FR.P7	Lahcene KARDJA	Phytochemical characterization of Cistanche tinctoria extracts from the Adrar region in southern Algeria.		
		FR.P8	Zineb BOURAKNA	Chemical Characterization by GC/MS of <i>Artemisia herba-Alba</i> Essential Oil from an Arid Region.		
		FR.P9	Fatma Zohra GUIBADJ	Evaluation Of The In Vitro Antioxidant And Anti-Inflammatory Activities Of Methanolic <i>Rosmarinus Officinalis</i> L. Extracts Collected In Two Different Seasons.		
		FR.P10	Hicham BOUAKKAZ	In Vitro Investigation of <i>Cistus Creticus</i> L and <i>Plantago Ciliata</i> Desf Phenolic Extracts as Natural Antioxidant and Anti-Inflammatory Agents.		
		FR.P11	Noura ADDOUN	Antioxidant and immunomodulatory activities of alkali-soluble polysaccharides from <i>Plantago ciliata</i> Desf. seeds		
		FR.P12	Samah NOUIOUI	Assessment allelopathic activity of <i>Retama reatam</i> (Forssk.) Webb & Berthel in their natural habitat: case of M'sila region		
		FR.P13	Hamza BOUCHEHED	Impact of Plant Diversity Loss on Soil Dynamics and Ecosystem Functioning: A Paleoenvironmental Study in North-Eastern Algeria.		
		FR.P14	Nassera DAOUD	Threat status of endemic species in the southern Dayas of Djelfa: case of <i>Anacyclus valentinus</i> L.		
		FR.P15	Mohamed GRANDI	Invasive yet adaptive: Can <i>Gleditsia triacanthos</i> L. be a sustainable tool against desertification in Algeria?		
		FR.P16	Nermine TAOURIRT	Functional Trait Variability of <i>Ziziphus lotus</i> (L.) Desf. in the Pre-Saharan ecosystem (Selmana, Djelfa).		
		FR.P17	Abdallah BOUMAKHLEB	The efficacy of the deferred-grazing technique in restoring biodiversity in an area of the northern Sahara of Algeria.		
		FR.P18	Ghania BOUZIANE	Silver Nanoparticles from Algerian Sahara Plant Polysaccharides: Biosynthesis and Antimicrobial Potential.		
		Topic 4. Agrosystem functioning				
		Chairs: Dr. Khellaf Khoudir, Dr. Hadjira Benhedid, Dr. Hassen Mahma and Dr. Rima Derouiche				
		AF.P1	Khadija ALLALI	Valorisation of pitato water for developing and optimizing a biodégradable bioplastic using the response surface methodology		
		AF.P2	Hadjira BENHEDID	Analysis of the Spatial Variability of Nitrogen and Phosphorus Contamination in the Shallow Aquifer of		



Conference rooms at SNV ST	14:45 - 15:30	AF.P3	Naima BOUKRAA	Oued M'Zab (Algeria) Evaluation of Insecticidal and repellent activities of <i>Artemisia herba-alba</i> and <i>Rosmarinus officinalis</i> essential oils and their Combinations against <i>Tribolium castaneum</i>		
		AF.P4	Nacera HEDIA	Biochemical Characterization of Pea Residues for Sustainable Agrosystem Functioning		
		AF.P5	Afifa ALMI	Do Asclepiadaceae extracts have a larvicidal effect ?		
		AF.P6	Leila MAIDI	Antifungal Effect of the Red Alga <i>Asparagopsis armata</i> Harvey Extracts Against <i>Fusarium oxysporum f. sp. albedinis</i> , the Causal Agent of Bayoud Disease in Date Palm		
		AF.P7	Fatma Zohra MOUZAOU	Hydroclimatic Trends and Vegetation Stress in Arid Environments: Evidence from the Laghouat Region (2017–2024)		
		AF.P8	Miloud BERRIHA	Potato tissue culture <i>in vitro</i> techniques		
		AF.P9	Nadia KHATER	Differential Germination Responses of <i>Moringa peregrina</i> and <i>Moringa stenopetala</i> to Salinity Stress: Implications for Agroforestry in Arid Regions.		
		AF.P10	Rima DEROUICHE	Characterization of date pastes from some secondary cultivars in the Ouargla region, Algerian sahara.		
		AF.P11	Yamina BEN BESSIS	Exploratory Study on the Effect of Microplastics in Soil on the Rhinoceros Beetle <i>Oryctes Agamemnon</i> .		
		AF.P12	Ahmed Salah Eddine MEDDOUR	Water Treatment Using Filters Composed of Expanded Polystyrene Beads and Its Influence on the Drip Irrigation System in		
		AF.P13	Boutheina KHELIFI	Temporal NDVI-based Assessment of Agrosystem Functioning in Semi-Arid Regions of Souk Ahras, Algeria (2018–2024).		
		AF.P14	Manal Maliha ELAOUFI	Biopesticide properties of <i>Pistacia lentiscus</i> L. against <i>Alternaria sp.</i> of the apple tree		
		AF.P15	Mimouna ZERROUKI	Mechanisms of adaptation of durum wheat (<i>Triticum durum</i> Desf.) to salinity: exploration of inter-varietal variability		
		AF.P16	Samiha LAOUAR	Pedological Study of Soils in the Ziban Region (Northern Sahara, Algeria): Potentialities and Limitations		
		AF.P17	Reguia OTMANI	Phytochemical Screening, Allelopathic And Bioherbicidal Potentialities Of Spontaneous Plant Harvested In The Sahara		
		AF.P18	Bachir HAMIDI	Assessment of the Allelopathic Impact of <i>Sonchus asper</i> L. Aqueous Extracts on the Early Growth Performance of <i>Arachis hypogaea</i> L.		
		Second Day: 26 November 2025				
		Poster Session 2				
Topic 1. Microbial ecosystems						
Chairs: Dr. Mahfoud Bakli, Dr. Sofiane Ider and Dr. Leila Maidi						
		Code	Speaker	Title of presentation		



Conference rooms at SNV ST	14:45 - 15:30	ME.P16	Leila BOUAGUEL	Environmental study of Lac Ayata: A physico-chemical And bacteriological approach to water analysis.
		ME.P17	Hadjer SAIFI	Characterization of Actinomycete Strains from Forest Soils with Antimicrobial Potential.
		ME.P18	Souad Fatima Zahra BOUZIANI	Production and Molecular Identification of Secondary Metabolites from Actinomycete Strains Isolated from Algerian Sahara Soils
		ME.P19	Khouloud AITIALEFF	Macroscopic and microscopic observations of <i>Fusarium oxysporum</i> treated with red algal extracts.
		ME.P20	Khaoula ZEGHIB	Essential Oils of <i>Artemisia herba-alba</i> : Compilation of Studies on Chemical Composition and Biological Activities
		ME.P21	Wafa BENSANIA	Antimicrobial Activity of Extracts From <i>Ruta graveolens</i>
		ME.P22	Fatima Zohra TAOUTI	The knowledge of the urinary microflora and its influence on the bladder tissues of dromedaries from the Sahraoui population in the region of Ghardaia.
		ME.P23	Safia LOUNICI	Spirulina As a Strategic Phytoplankton for Sustainable Development in Arid Regions.
		ME.P24	Slim SMAOUI	Desert-derived betalains from <i>Opuntia stricta</i> peels: UPLC-MS/MS metabolite profiling, computational investigation, and potential applicability as a raw meat Colorant.
		ME.P25	Mustafa KOUZRITE	<i>Bacillota</i> Associated with Different Environmental niches in the Ghardaia Region: Isolation, Taxonomy, and Biotechnologic
		ME.P26	Ali MOULAY OMAR	Isolation and Characterization of Actinomycetota Strains from the Ghardaia Region
		ME.P27	Randa MLIK	Fungal diversity associated with <i>Oryctes agamemnon</i> infestations in date palm ecosystems
		ME.P28	Kathia BELAID	Bacterial Diversity in <i>Vigna unguiculata</i> Nodules and Their Nodulation Potential
		ME.P29	Nacira SIAD	In <i>silico</i> and in <i>vitro</i> antibacterial activity of two types of Algerian medicinal plants.
		ME.P30	Dalila AMOKRANE	Evaluation of the <i>In vitro</i> Antibacterial Effects of <i>Pistacia lentiscus</i> L. and <i>Cupressus sempervirens</i> from Chlef, Algeria.
Topic 2. Faunistic Biodiversity				
Chairs: Dr. Loubna Djouza, Dr. Djamila Harouz and Dr. Abdelhafid Aouadi				
Conference rooms at SNV ST	10:30 11:15	FN.P16	Kenza BENACEUR	Bioactive Essential Oil from Field wormwood : Towards Sustainable Mosquito Management in Arid Regions
		FN.P17	Badreddine DEKKOUMI	Inventory of Beetles in the Saharan Agroecosystem of the Oued Righ Region
		FN.P18	Hafsia BEDDA	Newly dromedary breeding practices as sustainable strategies to mitigate the effects of environmental degradation.
		FN.P19	Rayane SAIFI	Ecological survey of entomofauna of <i>Pisum sativum subsp. sativum</i> cultivated in the arid zone of Algeria.
		FN.P20	Nadia ZIANE	Demographic structure of a population of the Moorish Tortoise <i>Testudo graeca graeca</i> (Linnaeus, 1758) in the Aflou Region.
		FN.P21	Fatine LASGAA	Analysis of the main threats to the natural population of the North African Gundi (<i>Ctenodactylus gundi</i>) in Algeria.

		FN.P22	Fayssal GHOUGALI	Evaluation of aquatic ecosystem health via benthic macroinvertebrates and physicochemical parameters in Northern Sahara, Algeria.
		FN.P23	Raouf KORICHI	Characterization of Aquatic Invertebrate Community of the Lower Sahara.
		FN.P24	Fadhila KAFI	Breeding Biology of the House Bunting (<i>Emberiza sahari</i>) in the Sebseb Region (Ghardaïa, Algeria).
		FN.P25	Soufyane BENSOUILAH	Trends to adaptation of the Sahara frog (<i>Pelophylax saharicus</i>) larvae across an environmental gradient
		FN.P27	Farid BOUNACEUR	Feeding habit of the crested porcupine <i>Hystrix cristata</i> (Rodentia, Hystricidae) in a semi-arid area of its native North African range.
		FN.P28	Moussa HOUHAMDI	Phenological status of Anatidae in the lake of Ayata – Wilaya of El-Oued (Algeria).
		FN.P29	Abdelaziz BOUZEGAG	Assessment of the Diversity and Spatial Distribution of Birds in the Semi-Arid Steppes of Guelif – Ain Zitoune (Oum El Bouaghi Province).
		FN.P30	Abderraouf Chouaib REBBAH	Biodiversity and Conservation of Mammals in the Semi-Arid Region of Oum El Bouaghi (Northeastern Algeria): Inventory, Conservation Status, and Spatial Distribution.
Topic 3. Floristic Biodiversity				
Chairs: Dr. Linda Rouari, Dr. Zohra Kebili, Dr. Zineddine Benbekhti				
Conference rooms at SNV ST	10:30 11:15	FR.P19	Abdelhak MAGHCHICHE	Biodiversity Assessment and Conservation in Arid Regions
		FR.P20	Malika SEDDIKI	Évaluation du potentiel antioxydant des polysaccharides hydrosolubles des fruits de <i>Balanites aegyptiaca</i> Del. récoltés au Sahara algérien.
		FR.P21	Youcef ABISMAIL	Floristic Approach and Biodiversity of Medicinal Plants in Adrar (Southwest of Algeria).
		FR.P22	Aicha HAMID OUDJANA	Biological and anticholinesterase effects of essential oils from <i>Colocynthis Vulgaris</i> leaves on <i>Schistocerca Gregaria</i> .
		FR.P23	Fazia KDYEM	Functional Strategies Variability of <i>Ziziphus lotus</i> (L.) Desf. in a Pre-Saharan Ecosystem (Messâad, Djelfa)
		FR.P24	Lamia TIRICHINE	Contribution to the phytochemical and biological study of aqueous extracts of wild plants (Oudneya africana) on barley (<i>Hordeum vulgare</i>)
		FR.P25	Djilali GHOBRIINI	Cheese whey for cost-efficient cultivation of indigenous microalga <i>Chlorella</i> sp. for biodiesel production.
		FR.P26	Abdelmadjid Yagoub ASLOUM	The Alcoholic Extracts of <i>Nicotiana glauca</i> and <i>Ruta chalepensis</i> Larvicidal Activity against <i>Culiseta longiareolata</i> : A Means to Safe Mosquito Control
		FR.P27	Zohra BENHAMMADI	Study of the antioxidant activity of some traditional date vinegar from the indigenous knowledge of the M'Zab valley populations (north-eastern Algerian Sahara).
		FR.P28	Asma BENKARA	Biodiversity and Agronomic Potential of Algerian Oases Wheat Landraces under Sub-Humid Conditions: Implications for Climate Change Adaptation.
		FR.P29	Slimane AYADA	Restoration of pasture biodiversity through deferred grazing.
		FR.P30	Nourelhouda MECHATTAH	Floristic Biodiversity and Phototherapeutic Potential of <i>Utica dioica</i> L.: A Local Medicinal Plant for Sustainable Conservation.
		FR.P31	Manel BENCHEIKH	Eco-Friendly Pest Control Revolution: Acetylcholinesterase Inhibitory Potential of <i>Euphorbia guyoniana</i>

				extracts.
		FR.P32	Wafa BENSANIA	Valorization of plant extracts in the protection of foodstuffs.
		FR.P33	Menna HADJMOUSSA	Contribution to the phytochemical and biological study of an aqueous extract of a spontaneous <i>Retama raelam</i> plant on the barley <i>Hordrum vulgare</i> .
		FR.P34	Zineb LOUAIL	Chemical composition and antioxidant activity of <i>n</i> -hexane extract from <i>Orobancha aegyptiaca</i> Pers.
		FR.P35	Imane DEROUICHE	First Record Of <i>Nematotaenia chantalae</i> (Cestoda, Nematotaeniidae) Parasitizing The Berber Toad <i>Sclerophrys mauritanica</i> In The Arid Ecosystem of Algeria.
		FR.P36	Safia MERAH	Polyphenolic Content and Antioxidant Potential of Methanolic, Aqueous, and Essential Oil Extracts of <i>Satureja montana</i> L.
Topic 4. Agrosystem functioning				
Chairs : Dr. Abdallah Siboukeur, Dr. Abdelhafid Sebihi, Dr. Ahmed Ait Aoudia, Dr. Hadjer Guessoum				
Conference rooms at SNV ST	10:30 11:15	AF.P19	Hadjira BOUSSOUAR	Valorization of Poultry Waste for Improving Pumpkin Growth in Sandy Soils of El-Oued Region.
		AF.P20	Salma Kaoutar ABDELALI	Essential oils as sustainable bio-acaricides for livestock in arid ecosystems.
		AF.P21	Mohamed ATOUI	Chemical Composition and Potential for Valorization of a Fatty Oil Derived from Plant Resources in the Arid Zone.
		AF.P23	Mohammed TIAIBA	Evaluation of groundwater quality for agricultural suitability in the K'sob watershed, Algeria.
		AF.P24	Fella ABOUR	Physico-Chemical Characterization of Groundwater and Its Suitability for Irrigation.
		AF.P25	Sana BEKIRI	Insecticidal Activity and Phytochemical Screening of Aqueous Plant Extracts against <i>Ectomyelois ceratoniae</i> .
		AF.P26	Hadjer GUESSOUM	Morphological-analytical study of some soil profiles in the palm groves of Ghardaïa (Case of Sebseb).
		AF.P27	Khedidja BOUDOUR	Reproductive adaptation of rabbits to seasonal conditions in semi -arid climate.
		AF.P28	Yacine TORCHE	Sustainable Livestock Feed and Soil Fertility Enhancement in Algeria: The Potential of aquatic fern <i>Azolla pinnata</i> .
		AF.P29	Alia Sara LAKHDARI	Water quality of the Continental Intercalaire (CI) aquifer in Metlili
		AF.P30	Boualem BOUSELSAL	Hydrochemical and Hydrogeological Study of Water Resources in the Illizi Region.
		AF.P31	Abdallah AISSA	Towards New Biopesticides Against Plant Pathogens and Anthelmintic Activities by <i>Pergularia tomentosa</i> and <i>Forsskaolea tenacissima</i> .
		AF.P32	Mohammed BAHAAZAZ	Importance of a Soil Seed Bank for the Regeneration of Camel Rangelands in the Wadis of the Tademaït Plateau (Case of the Timeguten Region: Adrar (Algeria)).
		AF.P33	Chikh OULED BELKHIRE	Reuse of Treated Wastewater Filtered Through Sand for Agricultural Irrigation Under Drought Conditions in the Wilaya of Ghardaïa (Algeria).
		AF.P34	Oumhani BELATRA	Biopesticide Activity Of Extracts From Some Steppe Plants Against <i>Aphis Fabae</i> (Scopoli, 1763) (Homoptera, Aphididae) In Djelfa.
		AF.P35	Farid SOUAS	Techno-ecological assessment of drip irrigation systems in arid zones: case of the Ouargla region, Algeria.
		AF.P36	Amel BOUKHATEM	Protection, management and sustainable development of arid zones.

Poster Session 3

Topic 1. Microbial ecosystems

Chairs : Dr. Ahmed Amine Zergoune and Dr. Houari Hamdaoui

Conference rooms at SNV ST	15:30 – 16:15	ME.P31	Aissa BAKELLI	Characterization of <i>Pseudomonas</i> sp. T7 as a Plant Growth-Promoting Rhizobacterium Enhancing Pepper Tolerance to Salt S.
		ME.P32	Meriem OULAD HEDDAR	Assessment of the biological quality of the aquifer waters serving the municipality of Metlili (Wilaya of Ghardaïa).
		ME.P33	Sarra BELMIR	Effect of Date Extracts to Modulate the Selective Cytotoxicity of a Therapeutic Drug.
		ME.P34	Larbi BELYAGOUBI	Traditional algerian dairy products – as a source of lactic acid bacteria with biotechnological potentials.
		ME.P35	ZOUAGRI Imane	Role of Plant Growth-Promoting Rhizobacteria in Enhancing Physiological and Biochemical Responses of <i>Linum usitatissimum</i> L. under Salinity Stress.
		ME.P36	Bouchra LAOUER	Unveiling phenotypic diversity in rhizobia associated with peanut (<i>Arachis hypogaea</i> L.) cultivated in Ghardaia
		ME.P37	Abdelhafid AOUADI	Study Of The Influence Of Multi-Nutritional Blocks Formed From Olive Mill By-Products (Solid And Liquid) On <i>In Vitro</i> Rumen Fermentation In Sheep.
		ME.P38	Sofiane IDER	Characterization of <i>Trichosporon asahii</i> ICVY021 for its application as a non- <i>Saccharomyces</i> probiotic with antagonistic activity, isolated from camel milk in southern Algeria
		ME.P39	Abdelkader MESSATFA	Cultivation of Microalga <i>Tetrademus Obliquus</i> in Municipal Wastewater From the Ghardaïa Region- Algeria.

Topic 2. Faunistic Biodiversity

Chairs : Dr. Mohammed Tahar Mebarki, Dr. Yacine Bengaid and Dr. Saida Chehma

Conference rooms at SNV ST	15:30 – 16:15	FN.P31	Linda ROUARI	The control of scorpions using botanical biopesticides
		FN.P32	Yacine BENGAIID	Taxonomic update on <i>Buthacus</i> scorpions from El-Atteuf (Ghardaia, Algeria)
		FN.P33	Yasmine LAKHDARI	The Pharaoh Eagle-Owl (<i>Bubo ascalaphus</i>) as an Apex Predator in Saharan Ecosystems: Implications for Rodent Control
		FN.P34	Zineb SOULEM	Effects of Climate on Scorpion Diversity in Arid Ecosystems of the Sahara Desert of Algeria
		FN.P35	Affaf GUERBOUZ	Urbanization And Avian Diversity In A Saharan City : The Case Of Ghardaia
		FN.P36	Choayb BOUNAB	The wetlands of the Oued M'zab Valley (Ghardaïa) and the diversity of their aquatic birdlife
		FN.P37	Haroun ABIDI	Analysis of the main threats to the natural population of the North African Gundi (<i>Ctenodactylus gundi</i>) in Algeria
		FN.P38	Redouane NEDJAR	First Confirmed Breeding Record of the Eastern Olivaceous Warbler (<i>IDUNA PALLIDA</i> REISERL. HILGERT, 1908) in the Ghardaïa Region, Algerian Sahara
		FN.P39	Leila KEBBAB	Cheese whey for cost-efficient cultivation of indigenous microalga <i>Chlorella</i> sp. for biodiesel production
		FN.P40	Asma ZOUBIRI	Birds Diversity Of Riparian Ecosystems In Arid Regions Of Algeria

Topic 3. Floristic Biodiversity

Chairs: Dr. Rabiha Mezeraï, Dr. Mohammed Habib Belhachemi, Dr. Rachda Berrached

Conference rooms at SNV ST	15:30 – 16:15	FR.P37	Ouarda BELABBASSI	Physicochemical study and biological properties of the essential oil of <i>Deverra scoparia</i> Coss. & Dur. from a region of the Northern Algerian Sahara (Ghardaïa).
		FR.P38	Bachir BENSALAH	Evaluation of the antidiabetic activity of aqueous extracts of <i>Marrubium deserti</i> de Noé harvested in the Ghardaïa and Laghouat regions.
		FR.P39	Youcef BENSEMAOUNE	Floristic Diversity of Some Wwadis in the Northern Algerian Sahara: Case of the Ghardaïa Region.
		FR.P40	AIT AOUDIA AHMED	Biocidal effect of <i>D. stramonium</i> seed oil on L ₅ larvae and adults of <i>S. gregaria</i> .
		FR.P41	Boutheyna CHETTAH	Biotopes of the Desert Locust (<i>Schistocerca gregaria</i>): Study of the Plant Cover in Tamanrasset.
		FR.P42	Karima ABDALLAH	Floristic diversity of desert locust biotopes in the central Algerian Sahara (case of the In Salah region)
		FR.P43	Mohammed Habib BELHACHEMI	Antioxidant and Anti-Diabetic Activity of Date Extracts.
		FR.P44	Radhia BIAD	Phytoecological Assessment of the Kef Doukhane Wetland Vegetation in the Ghardaïa Region, Algeria.
		FR.P45	Faiza BAALI	Chemical composition, antioxidant and antibacterial activities of essential oils from <i>Cymbopogon schoenanthus</i> (L.) Spreng.
		FR.P46	Rekia CHERIF	Valorization of Saharan Medicinal Plants used by indigouns knowledge in the Ghardaïa Region.
		FR.P47	Abdelmalek ROUARI	Effect of contrasting environmental conditions on chlorophyll, nitrogen, and proline in <i>Limoniastrum guyonianum</i> (Plumbaginaceae) in the Northern Algerian Sahara
		FR.P48	Souad LARABI	Synergistic Antimicrobial Activities of Combinations of Essential Oils of <i>Rosmarinus officinalis</i> and <i>Thymus vulgaris</i>
		FR.P49	Sarra HADDAD	In silico molecular docking assessment of extremophile <i>Retama raetam</i> allelochemicals as potential bioherbicides targeting Arabidopsis thaliana ATCase enzyme
		FR.P50	Mostafa Naceur YUCEFI	Ecological and Biogeographical Study of Forest and Pre-forest Formations in the Djebel Amour Region, Saharan Atlas
		FR.P51	Abdelhafid SEBIHI	Floristic diversity of weeds in some cereal perimeters of the Ghardaïa region.
		FR.P52	Houria OUCI	Inventory and Analysis of Plant Biodiversity in the Ghardaïa Region.
		FR.P53	Brahim DOUDOU	Floristic analysis and structuring of plant communities in the Ghardaïa region.
		FR.P54	Sami BELHIRI	Les modifications du cortège floristique par l'effet anthropique sur les plants spontané arboré telle que le Pistachier de l'Atlas, au Sahara septentrional -Ghardaïa
		FR.P55	Eleuldja MATMOURA	Abundance of plant species in the algerian sahara.
		FR.P56	Mohamed Sami MEHTOUGUI	Ecobiological Study and Microclimatic Role of Lake Sidi Mohamed Benali in the Arid Zones of Northwestern Algeria.



Topic 4. Agrosystem functioning				
Chairs : Dr. Faredj Chikhi, Dr. Imane Hamel, Dr. Meriem Oulad Heddar				
Conference rooms at SNV ST	15:30 – 16:15	AF.P37	Bakir MOUSSAOUALI	Biochemical Composition and Value Nutritive of Some Species of Sulla Cultivated In Arid Ecosystems, Case of Ghardaïa
		AF.P38	Khoudir KHELLAF	The Kef Doukhane Wastewater: Effects and Consequences on the Oued Noumer (Ghardaïa) Region
		AF.P39	Salim MEDDOUR	Current state of knowledge on the distribution of the date-palm pest <i>Oryctes agamemnon</i> (<i>Coleoptera: Scarabaeidae</i>) in southeastern Algeria
		AF.P40	Mohamed KRAIMAT	Mapping of the date palm (<i>Phoenix dactylifera</i> L.) by spatial remote sensing in the Guerrara region (Wilaya of Ghardaïa)
		AF.P41	Imane HAMEL	Spatial distribution of soil organic carbon under irrigation conditions in DAYA BEN DAHOUA, Ghardaïa
		AF.P42	Hassen MAHMA	Impact du dromadaire sur la préservation de son écosystème
		AF.P43	Salim MEDDOUR	Rodent Biodiversity in Agricultural Environments of the El-Meniaa Region
		AF.P44	Mohammed Tahar MEBARKI	Importance of butterflies in oases and Saharan agriculture 'preservation and protection' region of Ghardaïa, Algerian
		AF.P45	Messaoud MOKRANI	Design Of A Micro-Irrigation Network Using Treated Wastewater: Case Of The Mezdour Perimeter, Supplied By The Wastewater : Case Of The Mezdour Perimeter, Supplied By The Wastewater Treatment Plant Of Biskra City, Biskra Province, Algeria
		AF.P46	Ouarfli LAZOUNI	Reproductive Efficiency of Locally-Born Holstein Heifers under Saharan Climatic Conditions
		AF.P47	Abdelhafid AOUADI	Study Of The Effect Of Oil Mill Effluents, Treated By Two Methods: Centrifugation And Sand Filtration, On The In Vitro Rumen Fermentation Of Sheep
		AF.P48	Hamza NEGAIS	Catfish farming in an aquaponics system
		AF. P49	Safia ARDJOUN	Inventory and Management Strategies of Major Apple Tree Pests in the Sidi Bel Abbès Region.
		AF. P50	Fatiha LAOUAR	Valorization of the different palm grove wastes as soil amendements in Ghardaïa region.
Others				
Co-chairs : Dr. Amel Herouini, Dr. Abdrraouf Benslama				
Conference rooms at SNV ST	15:30 – 16:15	O.P1	Fadhila CHILALI	Evaluation Of Insecticidal Activity Of <i>Shouwia purpurea</i> On the Migratory Locust <i>Locusta migratoria</i> (Acrididae, Oedipodinae).
		O.P2	Houda BENSAHA	Chronic Kidney Disease Among Diabetic Patients in the Ghardaïa Region.
		O.P3	Loubna DJOUZA	Colostrum Quality in two Crossbreed Goats During four Days after Kidding.
		O.P4	Tarik HARTANI	Water Retention Structures in the Menacer Mountains (Tipaza): An Innovation in Response to Climate Change.
		O.P5	Kheira BOUAMER	Treatment Of Wastewater Using Quicklime At The Kaf Dukhan Station.
		O.P6	Kerroumia MOULAY	Study of Treated Bentonite Efficiency in Dye Wastewater Treatment.



	O.P7	Ali Tatar BRAHAM	Analyse et reconstitution polliniques de deux mares tourbeuses dans la région d'Ouled Attia dans la wilaya de Skikda (Nord-Est algérien).
	O.P8	Assia CHERIFI	Impact des pratiques agricoles sur la santé de l'abeille domestique dans la région de Bouira.
	O.P9	Bahaeddine BADOUNA	L'analyse paysagères comme outil dans la gestion écotouristique des ressources et des territoires : le cas de la wilaya de Souk Ahras (Nord-est de l'Algérie).
	O.P10	Mahieddine BOUMENDJEL	Les objectifs de développement durable et l'écotourisme en Algérie. Etude de cas de la Numidie Orientale (Nord-est algérien).
	O.P11	Nabiha ALOUI	The Use of Biochar in Sludge Treatment.
	O. P12	Djihad HACHANI	Impact des pratiques agricoles sur la santé de l'abeille domestique dans la région de Bouira

About ICVCAE 2025

Arid ecosystems are facing major challenges caused by climate change, environmental degradation and excessive exploitation of resources, which are affecting the biodiversity and sustainability of these systems. In spite of being fragile, these environments have economic and ecological potential that can be exploited through innovative and sustainable strategies.

The ICVCAE 2025 congress aims to discuss ways of preserving arid ecosystems and developing their resources through a multidisciplinary approach encompassing environmental sciences, sustainable agriculture and the green economy. It also seeks to strengthen scientific research and international cooperation, propose concrete solutions to mitigate the effects of environmental degradation, enhance the value of arid ecosystems, and promote sustainable development based on the responsible use of resources.

